

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Amr M. Mohsen
Assignee: Aptix Corporation
Title: FIELD PROGRAMMABLE PRINTED CIRCUIT BOARD
Serial No.: 08/632,298 Filed: April 12, 1996
Batch No.: J55 Date Allowed: March 13, 2000
Examiner: H. Jones Group Art Unit: 2763
Docket No.: M-1007-6C US

San Jose, California
May 19, 2000

BOX ISSUE FEE
ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D. C. 20231

AMENDMENT UNDER 37 CFR 1.312

Sir:

Responsive to the Notice of Allowance mailed 13 March 2000 and under the provisions of 37 CFR 1.312, please amend the above patent application as follows:

IN THE TITLE

Delete the present title and, in its place, insert -- STRUCTURE AND METHOD FOR PROGRAMMABLY INTERCONNECTING ELECTRONIC COMPONENTS --.

Page 1, line 4, cancel the revision made in the preliminary amendment dated 12 April 1996 and, in place of that revision, insert

--CROSS REFERENCE TO RELATED APPLICATIONS

This is a continuation of U.S. patent application Ser. No. 08/171,992, filed 22 December 1993, now U.S. Patent 5,544,069, which is a continuation of U.S. patent application Ser. No. 07/410,194, filed 20 September 1989, now U.S. Patent 5,377,124. --.



Page 3, line 10, change "a" to -- an --.

Page 8, line 8, after "numbering" insert -- of --.

Page 9, line 30, after "board" change "105" to -- 100 --.

Page 11, lines 25 and 26, change "interconnect chip" to -- PC board --.

Page 16, line 5, change "illustrates" to -- illustrate --.

Page 18, line 10, delete "each";
line 11, after "segments" insert -- each --.

Page 20, line 19, cancel the revision made in the 12 April 1996 amendment and, in place
of that revision, change "lead", second occurrence, to -- leads, --.

Page 21, line 9, change "605a" to -- 605A --;
line 12, change "605b" to -- 605B --;
change "605a" to -- 605A --;
line 18, change "605c" to -- 605C --;
change "605b" to -- 605B --;
line 24, change "605c" to -- 605C --.

Page 22, line 18, change "H₂." to -- H₂).-- ;
line 32, change "705" to -- 605 --.

Page 23, line 9, cancel the revision made in the 12 April 1996 amendment;
line 24, change "FFPPCB" to --FPPCB--.

IN THE ABSTRACT

Delete the present abstract and, in its place, insert the following new abstract:

-- An interconnect structure is formed with a substrate (100 or 300), such as a printed circuit board, and at least one programmable integrated circuit (105, 605, or 321-1 -- 321-6) for electrically interconnecting electronic components provided over